

Amendments to the Claims:

This listing of claims will replace all prior versions of claims in the application.

1. (Currently Amended) A camera support, comprising:

a base ~~including an axle and a bar~~;

an isolator plate attached to the base and pivotable ~~about the axle~~ in a vertical direction;

one or more springs attached to the ~~bar and the~~ plate for exerting a spring force in a first direction, between the base and the plate; and

one or more dampening elements attached to ~~the bar~~ the base and the plate for exerting a dampening force, in a second direction, different from the first direction, between the base and the plate.

2. (Original) The camera support of claim 1 further comprising a horizontal isolator assembly supported by the plate, and a leveling system associated with the plate and the horizontal isolator assembly.

3. (Currently Amended) A camera support, comprising:

a vertical axis system including:

a base;

an arm pivotably attached to the base at a first location;

at least one spring connected to the base and to the arm with the spring and the arm forming a first angle between them, ~~wherein the spring is connected to the base above or below the first location so that the spring is substantially not parallel with the arm~~;

at least one dampener connected to the base and to the arm, with the dampener and the arm forming a second angle between, greater than the first angle;

a horizontal axis system supported by the vertical axis system; and

a leveling linkage connecting the vertical and horizontal axis systems.

4. (Original) The camera support of claim 3 further including adjustment features for adjusting the leveling linkage to compensate for angulation movement of the base.

5. (Currently Amended) A shock and vibration isolator for a camera, comprising:

first and second spaced apart side plates;

an axle connecting to the side plates;

an arm attached to the axle, with the arm pivotable relative to the side plates;

a bar attached to the side plates;

at least one spring having a first end connected to the arm at a first location and having a second end connected to the bar;

at least one viscous dampener having a first end connected to the arm at a second location closer to the bar than the first location, and having a second end connected to the bar;

first and second spaced apart leveling plates pivotably attached to the arm; and

first and second leveling rods pivotably attached respectively to the first and second side plates.

6. (Original) The isolator of claim 5 further including a turnbuckle between the arm and the spring.

7. (Original) The isolator of claim 5 further including one or more alternate attachment positions for the leveling rods on the side plates or the leveling plates.

8. (Original) The isolator of claim 5 further including means for adjusting tension in the springs.

9. (Original) The isolator of claim 5 further including a horizontal axis isolator supported on the leveling plates.

10. (Original) The isolator of claim 9 with the horizontal axis isolator including a first longitudinal bar slidable through a first fitting on the first leveling plate, and a second longitudinal bar slidable through a second fitting on the second leveling plate, and a first lateral bar and a second lateral bar extending between and supported by the first and second longitudinal bars, and a mounting plate slidable along the first and second lateral bars.

11. (Original) The isolator of claim 10 with the first and second lateral bars having a radius of curvature of 60-168 inches.

12. (Original) The isolator of claim 10 further comprising lateral springs acting to hold the mounting plate at a lateral central location on the lateral bars, and longitudinal springs acting to hold the mounting plate at a longitudinal central location on the longitudinal bars;

a pair of lateral dampeners attached to the mounting plate; and

a pair of longitudinal dampeners attached to the mounting plate.

13. (Cancelled)

14. (Cancelled)

15. (Original) The camera support of claim 1 with the spring exerting a spring force at an angle of 2-15 degrees to a plane of the isolator plate.

16. (Previously Presented) The camera support of claim 1 further comprising a camera mounting plate pivotably supported on the isolator plate, and a leveling system associated with the mounting plate and the isolator plate, for keeping the camera mounting plate level as the isolator plate pivots vertically.

17-18. (Cancelled)

18. (Previously Presented) The camera support of claim 17 wherein the dampening element is attached to the second element on the base assembly.

19. (Currently Amended) A camera support system, comprising:

a camera crane;

a base attached onto the camera crane;

an isolator vertically pivotable about the base;

a plurality of springs attached to a bar on the base and to the isolator, with the springs ~~a spring attached to the base and to the isolator, wherein the spring is~~ substantially at an acute angle relative to the isolator; and

a plurality of dampening elements ~~a dampening element attached to a bar on the base and to the isolator, with the springs and dampening elements in an alternating arrangement.~~

20. (Cancelled)

21. (Currently Amended) The camera support of claim ~~[[20]]~~ 19 wherein the isolator is attached to, and pivotable about, an axle on the base positioned below the bar.

22. (New) The camera support of claim 5 wherein the arm is pivotally attached to an axle supported by the side plates, with the axle positioned below the bar.

23. (New) The camera support of claim 1 further comprising a plurality of dampening elements and a plurality of springs, with the springs and dampening elements in an alternating arrangement.

24. (New) The camera support of claim 1 wherein the first angle is from 2-20 degrees.

25. (New) A camera support, comprising:

- a base;
- at least one leveling plate;
- an arm having a front end pivotally attached to the leveling plate and having a back end pivotally attached to the base;
- at least one leveling rod having a front pivotally attached to the leveling plate and having a back end pivotally attached to the base,
- with the base, leveling plate, arm and leveling rod forming a parallelogram linkage;
- at least one spring attached to the base and to the arm;
- at least one dampening element attached to the base and to the arm, and with the spring and the dampening element positioned substantially entirely within the parallelogram linkage.